FORM PTO 1449				ATTY DOCKET NO. 524941/0005		APPLICA 09/484	TION NO. 1,458		· · · · · · · · · · · · · · · · · · ·
U.S. PAT	ENT AND	IENT OF COMMERCE TRADEMARK OFFICE	3	APPLICANT					<del></del>
OLE	e a ceret	eniora cirro du Al		Satoshi Shinada,	et al.				
V PA	(Usi	RENCES CITED BY AF e several sheets if necess	'PLICANT(S) sary)	FILING DATE			GROUP		
JAN 1 C	(-)			January 18, 20	)00		<u> </u>		2853
JAN 1 5 200	2 2			U.S. PATENT DOCUMENTS					
		DOCOMENT	DATE						FILING DATE
CONTIAL OF	k,	NUMBER	DATE	NAME		CLASS	SUBC	LASS	IF APPROPRIATE
	<del>  </del>						<del> </del>		
!									
							<del> </del>		
ļ									
							<del> </del>		
							<del> </del>		
							<u></u>		
		DOCUMENT		FOREIGN PATENT DOCUMENTS	<del></del>		<del></del>		TRANSLATION
		NUMBER	DATE	COUNTRY		CLASS	SUBCI	LASS	YES/NO/ OR ABSTRACT
us		62-184856	8/1987	Japan		,			Abst. Only
us		2-99333	4/1990	Japan		1			Abst. Only
ns		0 440 261	8/1991	EPO					Eng. Orig.
nf		0 839 660	5/1998	EPO		1			Eng. Orig.
						-	<del> </del>		
<del>                                     </del>	<del>  </del>								
	, [								
					_		<del> </del>		
<u> </u>									
			OTHER DOCUME	ENT(S) (Including Author, Title, Date, Pertinent Pages,	Pr. V				
			0110110000	NI(3) (including Addio), Title, Date, Fertilient Lages,	, Etc.)				
					81.1				
		·			4 /				
	Ì				•				i
							·		
EXAMINER	,	. 6		DATE CONSIDERED 2/4/	<b>'27</b>	•			
1	$\mathcal{U}$	U St	was	1 77	02				
YAMDIED, Initial :	f reference o	opeidend what		ance with MPED 600: Down line should be in it					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box ->

PTC/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of

sour to a collection of lutotivatio	I uniess it contains a vally OMB	CONTIO	number.		
Co	mplete if Known	2			
Application Number	09/484,458	÷ .		$\odot$	'n
Filing Date	January 18, 2000		77	d	2
First Named Inventor	Satoshi Shinada, et al.	<u>G</u>	2	١	
Group Art Unit	2853	7	_7	Ì	4
Examiner Name	C. Stewart, Jr.	E	رم		1
Attomey Docket Number	524941/0005	31,	12	)	Ų.

				U.S. PATENT DOCU	JMENTS	280
Examiner Initials*	Cite No.1		ment Code²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
K		5,861,897		Ide et al.	1/1999	<del></del>
10		2001/0007458	Αl	Purcell et al.	7/2001	
			f			
		-				
			$\vdash$			
			$\vdash$		+	
						·
			$\vdash$			
<del></del>			$\vdash$			

				FOR	EIGN PATENT DOCUMEN	rs		
Examiner nitials*	Cite 1	Office		t nd Code <sup>5</sup> f known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	١,
5		EP	0 710 568 (engl orig)		Watanabe et al.	5/1996		Ι
Ø		EP	0 713 778 (engl orig)		Brandon et al.	5/1996	_	Т
4		EP	0 778 148 (engl orig)		Hmelar et al.	6/1997		T
V)		JР	9-174876 (abst trans)		Barinaga et al.	7/1997	_	1
B		EP	0 498 117 (engl orig)	A2	Ujita et al.	8/1992		I
ム		EP	0 985 537 (engl orig)		Matsumoto	3/2000		T
B		wo	98/52762 (engl. orig.)	) A2	Purcell et al.	11/1998		T
8		JР	7-232438 (abst trans)		Kawasaki	9/1995	_	$\top$
N		EP	0 778 145 (engl. orig	) B1	Barinaga et al.	6/1997		Т

Examiner			l Date	1.4
2:		\ <del>\</del>		4/4/02-
Signature	I Flench W.		Considered	(/ 4/

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

. .

Pluasa type a plus sign (+) Incido this box ->

Phister type a plus sign (\*) Interdo this box 

+ Approved for use through 10/31/2002 OMD 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to manual to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 09/484,458 Filing Date January 18, 2000 First Named Inventor Satoshi Shinada, et al. Group Arl Unit 2853 Examiner Name C. Stewart, Jr.

(use as many sheets as necessary) Sheet of Altomey Docket Number 524941/0005

				U.S. PATENT DOCK	JMENTS	
Examinar Initlats*	Cite No.1	Number (# M	Code*	Nume of Patentee or Applicant of Cited Document	Date of Publication of Cried Document MM-DD-YYYY	Pages, Columns, Linés, Where Relevant Passages or Relevant Figures Appear
4/		5.861,897		ldc ct al.	1/1999	-
00		2001/0007458	Al	Purcell et al.	7/2001	
			1			
			$\vdash$		<del> </del>	
	-		┞╼┼			
			┝─┼			
<del></del>					<del> </del>	
	<del>-  </del>		$\vdash$		<del>                                     </del>	
				· · · · · · · · · · · · · · · · · · ·	<del>                                     </del>	·
	<u>_</u>				1	

				FOR	EIGN PATENT DOCUMENT	rs .		
Examiner Inklets*	Cite No.1	Office	Foreign Patent Doc Number	Vment Kind Code <sup>s</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T,
4		EP	0710 568 (eng) c	rig)	Watanabe et al.	5/1996	-	7
M		EP	0 713 778 (engl o	က် <b>g</b> )	Brandon et al.	5/1996	_	
4		EP	0778 148 (cng) c	πig)	Hmclar et al.	6/1997		1
IJ		JР	9-174876 (abst tr		Barinaga ct al.	7/1997		X
4			0 498 117 (engl c		Ujita et al.	8/1992		$\top$
W		EP	0 985 537 (engl o	rig) Al	Matsumoto	3/2000		T
18		WO	98/52762 (engl. o	rig.) A2	Purcell et al.	11/1998	•	1
15		JР	7-232438 (abst tr	ns)	Kawasaki	9/1995		X
B		EP	0 778 145 (engl. o	nig) Bl	Barinaga et al.	6/1997		

Examiner (7)	Date (//t/o.2
Signature Mah w Clark	Considered 77702
Oligitature	Collaidered

<sup>\*</sup>EXAMINER: Intital if reference considered, whether or not clistion is in conformance with MPEP 509. Oraw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

Burden Hour Statument: This form is uslimated to take 2.0 hours to complate. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U, S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patenta, Washington, DC 20231.

SSL-DOCS1 1186164v1

¹ Urique citation designation number. ² See attached Kinds of U.S. Patent Documents. ² Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST, 16 if possible. Applicant is to place a check mark nere if English language Translation is attached.

Please type a plus sign (+) inside this box →	+
---	---

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

FEB 1 1 2002

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known					
Application Number	09/484/458				
Filing Date	January 18, 2000				
First Named Inventor	Satoshi Shinada, et al.				
Group Art Unit	2853				
Examiner Name	C. Stewart, Jr.				
Attorney Docket Number	524941/0005				

	U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Mumber	ment i Code² nown)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
H		6,130,695		Childers, et al.	10/2000	·			
18		6,170,939	BI	Ujita et al.	1/2001				
4		6,227,643	BI	Purcell et al.	5/2001				
ul		09/686,877		Shinada et al.		-			
		.a.p							
					1				
			$\Box$						
			1 1						
			1 1		1				
			1 1		1.				
		,	$\dagger$		†				
			1 1						
			1 1	0.00	<del>                                     </del>				

				FORE	IGN PATENT DOCUMENT	rs		
Examiner Initials	Cite No.1	Office <sup>3</sup>	Foreign Patent Docum Number <sup>4</sup>	nent Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
B		JP	2000-177145		Kiyouta	6/2000	(engl. abst. only)	
)								$\vdash$
								+-
		1 1		1 1		1		i i

Examiner	100	Date	3/4/02
Signature	a vew as	Considered	, ,

+

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>8</sup> Applicant is to place a check mark here if English language Translation is attached.

FORM PTO 1449 (modified)		JAN U 8 2002 &	ATTY DOCKET NO. APPLICATION NO. <b>09/484,458</b>						
U.S. DEF PATENT	PARTMENT OF COMMERCE AND TRADEMARK OFFICE	JAN U 8 2002 &	APPLICANT	<u> </u>	<u> </u>				
	N		Satoshi Shinada, et a	al.	T				
PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S)  (Use several sheets if necessary)  (Use Several Sheets if necessary)			FILING DATE  January 18, 2000		GROUP 2853				
			U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
as	4,990,938	2/1991	Brandon et al.	347	37				
B	5,640,186	6/1997	Swanson et al.	347	86	<del></del>			
w	5,751,320	5/1998	Scheffelin et al.	347	85	_			
FOREIGN PATENT DOCUMENTS									
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT			
as	0 639 462	2/1995	ЕРО	_		Eng. Orig.			
W	7-81077	3/1995	Japan		*	Abst. Only			
S	96/05061	2/1996	WIPO		•	Eng. Orig.			
B	8-197748	8/1996	Japan	r		Abst. Only			
15	0 832 747	4/1998	ЕРО		,	Eng. Orig.			
					<u></u>				
		.							
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)									
					11.20 11.30	y			
					3				
		<del></del>							
EXAMINER	Cw J	lower	DATE CONSIDERED	14/02	-				

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.